

WALL MOUNTED UNIT

Daikin air conditioners for your home

NEW

FTKS/FTXS-C
FTKS/FTXS-B



indoor unit FTK/XS20,25,35C



remote control (standard)



centralised remote control (optional)



horizontal auto swing



vertical auto swing



auto restart



powerful mode



auto cooling/heating changeover (FTXS)



auto fan speed



fan only (FTKS)



fan speed 5 steps



photocatalytic deodorising filter



air purification filter



movement sensor



dry programme



self diagnosis



night set mode



whisper quiet



energy efficiency



home leave operation



multi model application



24 hour timer



indoor unit silent operation



outdoor unit silent operation (RK/XS-B)



night quiet mode MKS/MXS (cooling appl. only)

Stylish & elegant

- Flat front panel: its stylish appearance fits easily within any interior decor and is more easy to clean
- Lightweight and compact
- The movement sensor automatically saves power consumption in unoccupied rooms
- The home leave operation saves energy during absence
- Automatic horizontal and vertical auto swing ensures uniform air flow and temperature distribution
- 3D-air flow (50,60,71 class only)
- Powerful mode can be selected for rapid cooling and heating
- Air purification filter with photocatalytic deodorising function:
 - deodorises the air
 - powerfully decomposes cigarette and pet odours
 - removes house dust and pollen
 - deactivates bacteria and viruses
- Indoor / outdoor* unit silent operation:
 - "Silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dB(A) each
 - (*only in combination with RK/XS-B outdoor units)
- Night quiet mode automatically reduces the operating sound of the outdoor unit by 3dB(A) at night (multi outdoors in cooling mode only)

Easy to install

- Up to 4 indoor units can be connected to 1 Multi outdoor unit. All indoor units are individually controllable with a remote control and do not need to be installed in the same room. They operate simultaneously within the same cooling or heating mode.
- The outdoor unit can be installed on a roof or terrace or placed against an outside wall.
- The outdoor unit is fitted with a swing compressor, renowned for its low noise and energy efficiency.



outdoor unit RK/XH20,25,35C

Easy control at your fingertips

- The remote control has a 24 hour timer
- The indoor unit also has a start/stop button mounted on the front panel
- Up to 5 indoor units can be regulated from a single centralised control
- Purpose-designed holder provided for the remote control



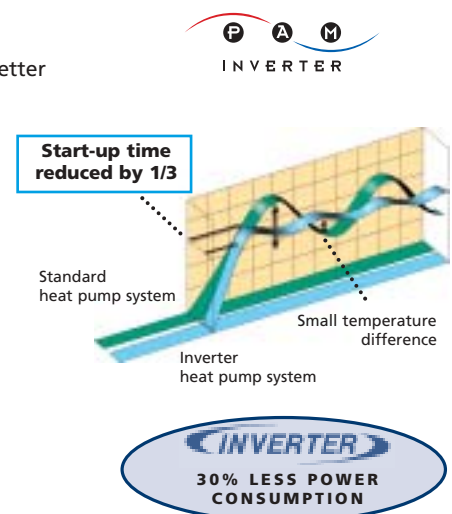
(20,25,35 class) (50,60,71 class)



Inverter Control

The use of integrated inverter control ensures maximum comfort and efficiency.

- **PAM inverter technology**
The PAM (Pulse Amplitude Modulation) inverter technology results in better cooling and heating performances and lower energy consumption. With a minimum of power input you get a maximum of comfort.
- **Short start-up cycle**
Inverter control enables the required room temperature to be achieved quicker than with non-inverter units, in fact, start-up time is reduced by one third.
- **30% less power consumption**
The inverter controller detects changes in room or outdoor conditions and adjusts the indoor temperature to compensate within seconds. Rapid response reduces power consumption to 30% lower than that of non-inverter systems.



Air purification filter with photocatalytic deodorising function

This filter is an anti-bacterial and deodorising filter, which powerfully decomposes cigarette and pet odours and also restrains the reproduction of bacteria or micro-organisms caught in the filter.



The previous air purification filter and photocatalytic deodorising filter have now been combined into 1 filter:



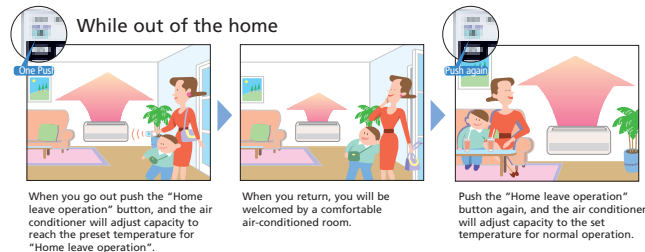
2 advantages:

Unlike the previous photocatalytic deodorising filter, this filter does not need to be exposed to the sun. The filter contains active components that are regenerated by the room light and does not have to be replaced for 3 years. It is sufficient to soak it in water once every 6 months (= long lasting effect!)



Home leave operation

During the occupant's absence, the indoor temperature can be maintained at a preset level, according to user preference. The home leave operation can be activated or deactivated via the remote control. This useful function saves energy when the room is empty or when the occupant goes to bed. It also enables the room temperature to return quickly to the set temperature. A lamp on the indoor unit indicates that the home leave operation has been activated.



3D-air flow

Circulates room air all around the room evenly to decrease uneven temperature differences (50,60,71 class only). This function can be started by pushing both horizontal and vertical swing buttons simultaneously.



Indoor unit silent operation

When the air flow is set to "Quiet mode" via the remote control, the operating sound of the indoor unit is reduced by 3dB(A). This function is useful when studying or sleeping.



Outdoor unit silent operation

When the "silent button" is selected on the remote control of the indoor unit, the operating sound of the outdoor unit is reduced by 3dB(A), by lowering the revolution speed of the compressor and outdoor fan. This is a useful means of reducing the sound level, particularly during night time operation in order not to cause local disturbances.

Notes in case of Multi installations:

In the event that "Priority room setting" is not active, the "Outdoor unit silent mode" can be activated only if the 'silent' command is selected on ALL indoor units.

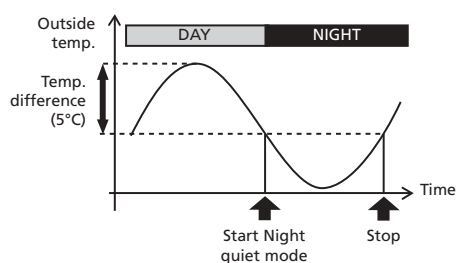
In case "Priority room setting" is active, the "Outdoor unit silent mode" can be activated merely by selecting the 'silent' command on the indoor unit in the room set as 'priority room'.



Night quiet mode (multi models only)

It is possible to reduce the outdoor unit sound level automatically by removing a jumper wire in the outdoor unit. This function only works in cooling mode.

Night quiet mode automatically starts when the outdoor temperature has dropped by 6°C or more below the maximum temperature recorded during the day. (This function can be deactivated if the jumper wire is kept and reinstalled in the outdoor unit).



Capacity and power input

PAIR - COOLING ONLY (air cooled)	INDOOR UNIT		FTKS20CVMB	FTKS25CVMB	FTKS35CVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
	OUTDOOR UNIT		RKH20CVMB	RKH25CVMB	RKH35CVMB	RKS50BVMB9	RKS60BVMB9	RKS71BVMB9
Capacity (min.-nom.-max.)	cooling	kW	1.3~2.0~2.6	1.3~2.25~3.0	1.4~3.15~3.8	0.90~5.00~5.80	0.90~6.00~6.70	0.90~7.10~8.00
Power input (min.-nom.-max.)	cooling	kW	0.43~0.62~0.945	0.43~0.70~1.20	0.46~1.045~1.425	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07
EER			3.23	3.21	3.01	3.01	2.83	2.81
Energy label	cooling		A	A	B	B	C	C
Annual energy consumption	cooling	kWh	310	350	523	830	1,060	1,265

PAIR - HEAT PUMP (air cooled)	INDOOR UNIT		FTXS20CVMB	FTXS25CVMB	FTXS35CVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
	OUTDOOR UNIT		RXH20CVMB	RXH25CVMB	RXH35CVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
Capacity (min.-nom.-max.)	cooling	kW	1.3~2.0~2.6	1.3~2.25~3.0	1.4~3.15~3.8	0.90~5.00~5.80	0.90~6.00~6.70	0.90~7.10~8.00
	heating	kW	1.3~2.6~4.0	1.3~2.85~4.5	1.4~3.6~5.0	0.90~5.80~7.50	0.90~7.00~8.00	0.90~8.50~9.50
Power input (min.-nom.-max.)	cooling	kW	0.43~0.62~0.945	0.43~0.70~1.20	0.46~1.045~1.425	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07
	heating	kW	0.35~0.76~1.31	0.35~0.835~1.61	0.405~1.055~1.90	0.45~1.70~2.58	0.45~2.09~3.10	0.45~2.63~3.80
EER			3.23	3.21	3.01	3.01	2.83	2.81
COP			3.42	3.41	3.41	3.41	3.35	3.23
Energy label	cooling		A	A	B	B	C	C
	heating		B	B	B	B	C	C
Annual energy consumption	cooling	kWh	310	350	523	830	1,060	1,265

Note : 1) Energy label: scale from A (most efficient) to G (less efficient)

2) The energy label Directive 2002/31/EC will enter into force once the relevant measurement standard will be published in the European Official Standard.

3) Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)

MULTI - COOLING ONLY (air cooled)	Max. n° of indoor units	Max. cooling capacity (kW)	Max. PI cooling (kW)	Max. heating capacity (kW)	Max. PI heating (kW)
2MKS40BVMB	2	4.20	1.49	-	-
3MKS50BVMB	3	6.46	2.18	-	-
4MKS58BVMB	4	6.60	2.22	-	-
4MKS75BVMB	4	9.47	3.52	-	-
4MKS90BVMB	4	9.40	3.35	-	-
MULTI - HEAT PUMP (air cooled)					
2MXS40BVMB	2	4.20	1.49	4.70	1.42
3MXS52BVMB	3	6.50	2.42	7.34	2.44
4MXS68BVMB	4	8.67	3.47	10.64	3.07
4MXS80BVMB	4	9.45	3.04	11.00	3.04

Note : For more detailed information about capacities and power input, please refer to our Multi Model catalogue or check with your local dealer.

FTK/XS20,25,35CVMB

FTK/XS50BVMB

FTK/XS60,71BVMB



Specifications indoor units

COOLING ONLY			FTKS20CVMB	FTKS25CVMB	FTKS35CVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
Dimensions	HxWxD	mm	273x784x195			290x795x238	290x1,050x238	
Weight		kg	7.5	7.5	7.5	9	12	12
Front panel colour			white					
Air flow rate	cooling (H/L/SL)	m³/min	7.7/4.2/3.6	7.7/4.2/3.6	7.7/4.4/3.8	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
Fan speed		steps	5 steps, silent and auto					
Sound pressure level	cooling (H/L/SL)	dB(A)	38/25/22	38/25/22	39/26/23	44/35/32	45/36/33	46/37/34
Sound power level	cooling (H)	dB(A)	56	56	57	63	63	63
Piping connections	liquid	mm	ø6.4			ø6.4		
	gas	mm	ø9.5			ø12.7		ø15.9
	drain	mm	ø18.0			ø18.0		
Heat insulation			both liquid and gas pipes					
HEAT PUMP			FTXS20CVMB	FTXS25CVMB	FTXS35CVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
Dimensions	HxWxD	mm	273x784x195			290x795x238	290x1,050x238	
Weight		kg	7.5	7.5	7.5	9	12	12
Front panel colour			white					
Air flow rate	cooling (H/L/SL)	m³/min	7.7/4.2/3.6	7.7/4.2/3.6	7.7/4.4/3.8	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
	heating (H/L/SL)	m³/min	7.8/5.3/4.6	7.8/5.3/4.6	8.1/5.3/4.6	12.6/8.9/7.7	17.4/12.7/11.4	18.5/13.5/12.1
Fan speed		steps	5 steps, silent and auto					
Sound pressure level	cooling (H/L/SL)	dB(A)	38/25/22	38/25/22	39/26/23	44/35/32	45/36/33	46/37/34
Sound power level	heating (H/L/SL)	dB(A)	38/28/25	38/28/25	39/29/26	42/33/30	44/35/32	46/37/34
	cool./heat. (H)	dB(A)	56/56	56/56	57/57	63/60	63/62	63/63
Piping connections	liquid	mm	ø6.4			ø6.4		
	gas	mm	ø9.5			ø12.7		ø15.9
	drain	mm	ø18.0			ø18.0		
Heat insulation			both liquid and gas pipes					

Control systems

FTK/XS-C/B		20	25	35	50	60	71
Wiring adapter for time clock/ remote control (1)	normal open contact						KRP413A15
	normal open pulse contact						KRP413A15
Centralised control board	up to 5 rooms (2)						KRC72
Central remote control							DCS302B51
Unified ON/OFF control							DCS301B51
Schedule timer							DST301B51
Interface adapter (3)							KRP928A2S

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

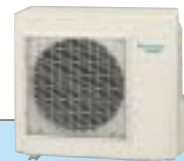
Accessories indoor units

FTK/XS-C/B		20	25	35	50	60	71
Air purification filter with photocatalytic deodorising function (with frame)							KAF918A43
Air purification filter with photocatalytic deodorising function (without frame)							KAF918A44
Anti-theft protection for remote control			KKF917A4				KKF910A4

RK/XH20,25,35CVMB



RKS50,60,71BVMB9
RXS50,60,71BVMB



Specifications outdoor units

PAIR - COOLING ONLY				RKH20CVMB	RKH25CVMB	RKH35CVMB	RKS50BVMB9	RKS60BVMB9	RKS71BVMB9
Dimensions	HxWxD	mm	560x695x265			735x825x300			
Weight		kg	31	31	33	49	53	55	
Casing colour	ivory white								
Sound pressure level	cooling (H/L)	dB(A)	46/*	46/*	48/*	47/*	49/*	52/*	
Sound power level	cooling (H)	dB(A)	61	61	63	63	64	66	
Compressor	hermetically sealed swing type								
Refrigerant type	R-410A								
Amount of additional charge		g/m	20 (for piping length exceeding 10m)						30
Maximum piping length		m	15			20			
Maximum level difference		m	15			20			
Standard operation range	cooling	from~to	10~46			-10 (-15**) ~46			
PAIR - HEAT PUMP				RXH20CVMB	RXH25CVMB	RXH35CVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
Dimensions	HxWxD	mm	560x695x265			735x825x300			
Weight		kg	31	31	33	49	53	55	
Casing colour	ivory white								
Sound pressure level	cooling (H/L)	dB(A)	46/*	46/*	48/*	47/*	49/*	52/*	
	heating (H/L)	dB(A)	47/*	47/*	48/*	48/*	49/*	52/*	
Sound power level	cooling/heating (H)	dB(A)	61/62	61/62	63/63	63/64	64/64	66/66	
Compressor	hermetically sealed swing type								
Refrigerant type	R-410A								
Amount of additional charge		g/m	20 (for piping length exceeding 10m)						30
Maximum piping length		m	15			20			
Maximum level difference		m	15			20			
Standard operation range	cooling	from~to	10~46			-10~46			
	heating	from~to	-10~20			-15~18			

* This information was not available at the time of publication

** Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



Specifications outdoor units

MULTI - COOLING ONLY				2MKS40BVMB	3MKXS50BVMB**	4MKXS58BVMB**	4MKXS75BVMB**	4MKXS90BVMB**
Dimensions	HxWxD	mm	640x685x285		735x936x300			908x900x320
Weight		kg	39	59	55	58	66	
Casing colour	ivory white							
Sound pressure level	cooling (H/L)	dB(A)	47/43	46/43	46/*	48/*	48/*	
Sound power level	cooling (H)	dB(A)	62	59	59	61	61	
Compressor	hermetically sealed swing type							
Refrigerant type	R-410A							
Amount of additional charge		g/m	20(20m or more)		chargeless			
Maximum piping length	for total of each room	m	30	45	45	60	70	
	for one room	m	20		25			
Maximum level difference	between indoor and outdoor	m	10		15			
	between indoor units	m	7.5		7.5			
Standard operation range	cooling	from~to	°CDB 10~46		-10~46			
MULTI - HEAT PUMP				2MXS40BVMB**	3MXS52BVMB**	4MXS68BVMB**	4MXS80BVMB**	
Dimensions	HxWxD	mm	640x685x285		735x936x300		735x936x300	908x900x320
Weight		kg	39	55	59	73		
Casing colour	ivory white							
Sound pressure level	cooling (H/L)	dB(A)	47/43	46/*	48/*	48/*		
	heating (H/L)	dB(A)	48/44	47/*	49/*	49/*		
Sound power level	cooling (H)	dB(A)	60	59	61	61		
	heating (H)	dB(A)	61	60	62	62		
Compressor	hermetically sealed swing type							
Refrigerant type	R-410A							
Amount of additional charge		g/m	20(20m or more)	20(30m or more)	20(30m or more)	20(40m or more)		
Maximum piping length	for total of each room	m	30	45	60	70		
	for one room	m	20		25			
Maximum level difference	between indoor and outdoor	m	10		15			
	between indoor units	m	7.5		7.5			
Standard operation range	cooling	from~to	°CDB 10~46		-10~46			
	heating	from~to	°CWB -10~15.5		-15~15.5			

*This information was not available at the time of publication.

**At least 2 indoor units should be connected to this Multi outdoor unit.

Accessories outdoor units

	PAIR (20,25,35 class) / MULTI (40 class)	PAIR (50,60,71 class) / MULTI (50~90 class)
Air direction adjustment grille	KPW937A4	KPW945A4

Note: 1) VM = 1~, 220-240/220-230V, 50Hz/60Hz

2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.

3) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 7.5m • level difference 0m.

4) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

5) Units should be selected on nominal capacity. Max. capacity is limited to peak periods.

6) The sound pressure level is measured via a microphone at a certain distance from the unit (for measuring conditions: please refer to the technical databooks).

7) The sound power is an absolute value indicating the "power" which a sound source generates.

Daikin cares for the environment



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and ozone-friendly refrigerants has led to its close involvement in environmental issues.

For several years Daikin has had the intention to become a leader in the provision of environmental friendly products. This challenge demands the eco design and development of a wide range of products and an energy management system; which involves energy conservation and reduction of waste.

Daikin products are distributed by:



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

Daikin units comply with the European regulations that guarantee the safety of the product.

Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products. Multi units are certified by Eurovent for combinations up to two indoor units.

Specifications are subject to change without prior notice.

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